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B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols)				
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
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C. DOCUMENTS CONSIDERED TO BE RELEVANT				
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Category *	Citation of document, with indication, where ap			
X	US 6,132, 745 A (MARCHI-LEMANN et al.) 17	Uctober 2000 (17.10.2000), col.3,	1-14	
	lines 20-37, col.3, line 62, col.4, lines 19-20, col.5, lines 20-30, line 33, EXAMPLE 1,			
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